

DERWENT-ACC-NO: 2004-662688

DERWENT-WEEK: 200465

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TITLE: High-temp thixotropy resistant polyimide based
corrosion-resisting lubricating coating

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PATENT-ASSIGNEE: SHANGHAI HIGH MOLECULAR MATERIAL RES & D[SHANN]

PRIORITY-DATA: 2003CN-0116516 (April 21, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
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CN 1450139 A	October 22, 2003	N/A
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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INT-CL (IPC): C09D005/08, C09D179/08

ABSTRACTED-PUB-NO: CN 1450139A

BASIC-ABSTRACT:

NOVELTY - The composition of thixotropic dry film lubricating coating material is composed of high-temp resistant adhesive, solid lubricant, preservative additive, thixotropic agent and solvent, and its formulaincludes (wt%) polyimide resin 25-50, molybdenum disulfide 5-13, graphite 3-10, rare earth fluoride 0.1-0.5, metal oxide 1-5, nitrite 0.05-0.3, gas phase silicon dioxide 0.1-0.5 and mixed solvent 65.75-20.7. As compared with existent technology said invented coating material has better resistance to high temp. and low temp. , adhesivity, weatherability, resistance to wear and solvent-

resisting
property, so that it is applicable to various friction components
required for
lubrication.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: HIGH TEMPERATURE THIXOTROPIC RESISTANCE POLYIMIDE BASED
CORROSION

RESISTANCE LUBRICATE COATING

DERWENT-CLASS: A26 A82 G02

CPI-CODES: A12-H10; G02-A05;

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